IJCSSE Journal Special Issue on
Foundations and Practice of Security in Emerging ICT Applications

Theme and Scope

Nowadays, Information & Communication Technology (ICT) has dramatically revolutionized our lives while introducing new innovative technologies such as cloud computing, internet of things, big data analysis, wearable computing, and so forth. However, in spite of its big advantages, ICT has resulted in new security threats and attacks, thereby pointing out the importance of security.

In this special issue, we focus on the interplay between foundations and practical issues of security in emerging ITC technologies. Especially, this special issue is devoted to the critical examination and research challenges of the various aspects of secure and dependable computing. This special issue will bring together researchers from academia and industry as well as practitioners to share their new ideas, problems, and solutions related to security for emerging ICT applications. In addition, we expect that the special issue will foster further research and technology improvements in this important area.

Preferred topics in this special issue include (but are not limited to):

- Authorization and Authentication
- Availability and Reliability
- Biological Security Technologies
- Biometric Technologies for Security
- Cryptography
- Dependability Aspects for Special Applications
- Dependability Aspects of Electronic Government
- Dependability Administration
- Dependability in Open Source Software
- Designing Security Requirements
- Digital Forensics & Watermarking
- E-Commerce and Web Security
- Embedded System Security
- Firewall Systems
- Identity Management
- IPR of Security Technology
- Incident Response and Prevention
- Information Flow Control
- Information Hiding
- Internet Dependability
- Intelligent Security System
- Interoperability Aspects
- Intrusion Detection and Fraud Detection
- Insider Security Threats
- Mobile Security
- Multimedia Security
- Network and Organizational Vulnerability Analysis
- Network Security
- Privacy-Enhancing Technologies
- Process based Security Models and Methods
- Secure Storage Devices and OS
- Security and Privacy in Healthcare system
- Security and Privacy for Internet of Things
- Security as Quality of Service
- Security for Wearable Devices
- Security in Cloud Computing
- Security in Electronic Payments
- Sensor Security and Privacy
- Smart Access Control Model
- Surveillance System
- Survivability of Computing Systems
- VOIP, Wireless Security

Important dates:

Submission deadline: December 31th, 2015
Notification of acceptance: June 30, 2016
Submission of final paper: July 31, 2016
Publication of special issue: the second half of 2016 (tentative)

Submission Procedure:

Authors should follow International Journal of Computer Systems Science and Engineering manuscript format described in the "Notes for Authors" on the journal site at http://www.crlpublishing.co.uk/journal.asp?j=csse&s=Notes for Authors. Manuscripts (pdf version) must be directly emailed to the guest editor, Dr. Ilsun You at ilsunu@gmail.com (not via the Online Manuscript Submission system). The submission must include the title, abstract of your paper, and the corresponding author's name and affiliation.

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